

## Unit 34. MacKenzie Sound [click here for a detailed map](#)

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<b>Marine Area</b>	860 ha	<b>Shoreline</b>	37.6 km
<b>Substrate</b>	mud	<b>Slope</b>	flat
<b>Exposure</b>	low	<b>Depth</b>	photic
<b>Current</b>	low	<b>Benthic Summer Temp</b>	warm
<b>Roughness</b>	low		

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### Management Emphasis – General Marine

#### Description

MacKenzie Sound is a remote inlet with low current, low exposure and shallow warm waters. It is a significant area for salmon conservation and First Nations use. Nimmo Bay resort lodge is in unit.

#### Issues and Concerns

##### Unit Attributes

This unit is significant for migratory birds (Scoters, Goldeneyes, gulls, grebes, Common Mergansers), and is a CWS area of interest.

Intertidal Clams (2 beaches – 13 ha)

Important salmon nursery and holding areas; Coho fry in stream opposite Nimmo Bay entrance (local knowledge)

Salmon migration route for Mackenzie River Sockeye and Nimmo Bay Creek Chum (local knowledge)

Salmonid Streams: 10 observed, 10 assumed

Herring spawning (2 spawns recorded)

Eelgrass beds throughout (local knowledge)

Moderate invertebrate values

Seal haul out opposite Nimmo Bay (local knowledge)

Finfish aquaculture potential: OA 1 (scattered); OA 2 (limited in Nimmo Bay)

Good to moderate off bottom scallop and oyster capability throughout

Good beach clam and oyster capability (Nimmo Bay and 1 site at head of Sound)

Forest industry has identified potential log dump sites on south shore of MacKenzie Sound, north shore of MacKenzie Sound to Nimmo Bay

Gwawaenuk traditional territory

Adjacent Indian Reserves – Keogh, Quay

##### Current Uses & Activities

First Nations: Fishing areas towards end of inlet and Nimmo Bay. Culturally significant areas and clam beaches throughout. Concerned about further development in area, such as timber harvesting and log handling.

Log handling and storage (10); heli-log sites, camp tie-ups

Tourism resort at Nimmo Bay

Year round commercial tenures (1)

Seasonal commercial tenures (1)

Commercial prawn fishery, crab fishery

## Acceptable Uses & Activities

### Tenured Uses

- |   |  |
|---|--|
| <b>X</b> Community & Public Institutional | ✓ Conservation                           |
| • Light Industrial                        | ✓ Log Handling, Storage & Infrastructure |
| ✓ Marine Telecommunications & Utilities   | ✓ Private Moorage                        |
| <b>X</b> Rural Development                | ✓ General Commercial                     |

### Aquaculture:

- X** Finfish
- ✓ Marine Plant
- ✓ Shellfish Beach
- ✓ Shellfish Deep Water Aquaculture

### Commercial Recreation:

- ✓ Lodges and Base Camps
- ✓ Guiding Operations

### Ongoing Non Tenured Activities

- |                         |                     |
|-------------------------|---------------------|
| ✓ Commercial Fisheries  | ✓ First Nations     |
| ✓ Marine Transportation | ✓ Public Recreation |

Code	
✓	The use or activity is considered acceptable and appropriate. Applications for tenure of this use should be accepted for processing and evaluation.
o	The use is considered conditionally acceptable. Applications for tenure for use require more specific information on capability and potential to accompany a tenure application before it is accepted for processing.
•	The use is acceptable at existing levels of tenure, subject to limited modifications as required by government. Applications for new tenures should not be accepted. Abandoned or unutilized sites should not subsequently be made available for the same use.
<b>X</b>	The use is considered inappropriate. Applications for tenure of this use should not be accepted for processing and evaluation.

## Management Provisions

This unit should be managed to accommodate existing commercial uses.

Tenure applicants are encouraged to develop working relationships with Gwawaenuk First Nation.

New tenures should not conflict with existing development.

Shellfish deepwater aquaculture tenures should not infringe on existing recreational, commercial and First Nations fisheries.

Commercial and industrial use applications within the unit should be referred to CWS.